



*R**T**V* Rapid Terrain Visualization

IEW&S
PROGRAM EXECUTIVE OFFICE

The tragic events of September 11, 2001 ushered in a new era of awareness within the United States and throughout the free world.

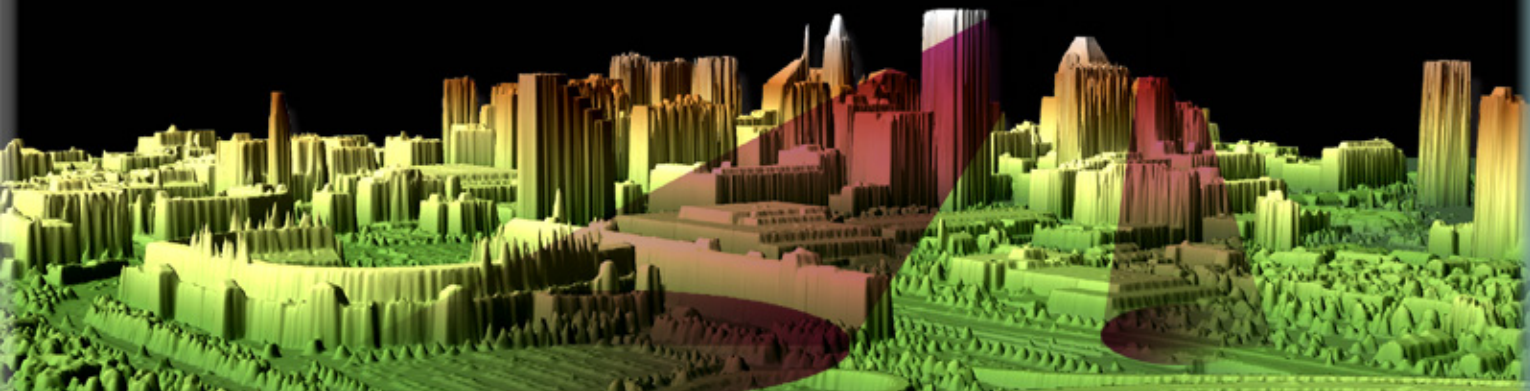


United States Pentagon



World Trade Center, New York City

On September 14, 2001, XVIII Airborne Corps and the Deputy Under Secretary of Defense Advanced Concepts and Systems (DUSD-ASC) directed the U.S. Army Joint Precision Strike Demonstration Program Office (JPSPD PO) (Program Executive Office - Intelligence, Electronics, Warfare & Surveillance (PEO IEW&S)), to deploy the Rapid Terrain Visualization (RTV) high-resolution terrain mapping capabilities to support the World Trade Center and Pentagon recovery efforts.



JPSPD manages the RTV Program which developed a contingency capability supporting rapid collection and exploitation of high resolution digital terrain data using Interferometric Synthetic Aperture Radar (IFSAR) and Light Detection and Ranging (LIDAR) sensors on a de Havilland DHC-7 aircraft.

RTV high-resolution terrain data provides information for the solution of a broad range of military and domestic problems, with special emphasis on the urban domain.